



CERTIFICATE OF MAILING

I hereby certify that this paper or fee is being deposited with the United States Postal Service with sufficient postage as first class mail under 37 C.F.R. 1.8 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
Date: May 13, 2004

JSW

[Signature]
Selena Whitaker-Paquet

Attorney Docket No. 16000.1001cip
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of **Thomas M. YOUNG, Mark RICHARDSON, Robert A. LERNER**
and **Barry H. RABIN**

Group Art Unit: 3746

Serial No. : 10/691,067
Filed : October 21, 2003
For : **IMPROVED CAPILLARY PUMPS FOR VAPORIZATION OF LIQUIDS**

TRANSMITTAL LETTER

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith for filing with the subject patent application are the following:

1. Information Disclosure Statement;
2. Form PTO/SB/08 (substitute for form 1449A/PTO) with 2 references attached;
3. Previously submitted Forms PTO-1449 and Form PTO/SB/08 (substitute for form 1449A/PTO); and
4. Return receipt postcard confirming receipt of enclosed documents.

Respectfully submitted,

[Signature]
Ann W. Speckman
Registration No. 31,881

Date: May 13, 2004

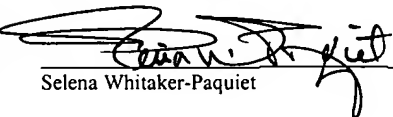
SPECKMAN LAW GROUP PLLC

20601

CERTIFICATE OF MAILING

I hereby certify that this paper or fee is being deposited with the United States Postal Service with sufficient postage as first class mail under 37 C.F.R. 1.8 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
Date: May 13, 2004




Selena Whitaker-Paquet

Attorney Docket No. 16000.1001cip
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of **Thomas M. YOUNG, Mark RICHARDSON, Robert A. LERNER**
and **Barry H. RABIN**

Group Art Unit: 3746

Serial No. : 10/691,067
Filed : October 21, 2003
For : **IMPROVED CAPILLARY PUMPS FOR VAPORIZATION OF LIQUIDS**

INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The attached Form PTO/SB/08 (substitute for form 1449A/PTO) identifies 2 U.S. patent references. Copies of these references are enclosed herewith for the Examiner's convenience.

Also attached are copies of PTO-1449 and PTO/SB/08 (substitute for form 1449A/PTO) forms that were filed in connection with the related parent patent application. The related parent patent application is U.S. Patent Application No. 10/079,744, filed February 19, 2002, now U.S. Patent No. 6,634,864, issued October 21, 2003.

Applicants note that MPEP 2001.06(b) specifies that normally, if the application under examination is identified as a continuation-in-part of an earlier application, the Examiner will consider the art cited in the earlier application. Applicants respectfully request that the Examiner communicate to the Applicants that the art cited in the attached PTO-1449 and PTO/SB/08 (substitute for form 1449A/PTO) forms is made of record in the subject application.

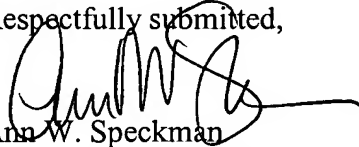
Copies of the references cited on the attached previously submitted forms PTO-1449 and PTO/SB/08 (substitute for form 1449A/PTO) were made of record in connection with the

related parent application. Applicants will provide additional copies of these references if requested by the Examiner.

The documents listed on the accompanying form PTO/SB/08 (substitute for form 1449A/PTO), and the previously submitted forms PTO-1449 and PTO/SB/08 (substitute for form 1449A/PTO) are cited in compliance with the provisions of 37 C.F.R §§ 1.56, 1.97 and 1.98, as amended. Applicant does not concede that the references are "prior art" under 35 U.S.C. §102 or §103, and specifically reserves the right to antedate such materials, as by a showing under 37 C.F.R. § 1.131 or otherwise.

This Information Disclosure Statement is being filed prior to receipt of any substantive Office Action; and no fee or certification is therefore required.

Respectfully submitted,

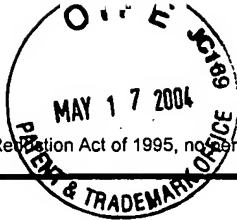


Ann W. Speckman
Registration No. 31,881

Date: May 13, 2004

SPECKMAN LAW GROUP PLLC

20601



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/691,067
				Filing Date	October 21, 2003
				First Named Inventor	Thomas A. YOUNG, et al.
				Art Unit	3746
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	16000.1001cip

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US-6,634,864 B1	Oct. 21, 2003	Young, et al.	
	2	US-3,820,540	June 28, 1974	Hirtz, et al.	
	3	US-			
	4	US-			
	5	US-			
	6	US-			
	7	US-			
	8	US-			
	9	US-			
	10	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country code ³ -Number ⁴ -Kind Code ⁵ (if known)				

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	1		
	2		
	3		
	4		

Examiner Signature	Date Considered
--------------------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/079,744
				Filing Date	February 19, 2002
				First Named Inventor	Thomas A. YOUNG, et al.
				Art Unit	3746
				Examiner Name	Timothy Solak
Sheet	1	of	1	Attorney Docket Number	16000.1001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US-5,692,095	11-25-1997	Young	
	2	US-5,870,525	02-09-1999	Young	
	3	US-6,162,046	12-19-2000	Young, et al.	
	4	US-6,347,936	02-19-2002	Young, et al.	
	5	US-5,113,478	05-12-1992	Nakashima, et al.	
	6	US-3,262,290	07-01-1996	Huber	
	7	US-4,571,481	02-18-1986	Leary	
	8	US-4,365,952	12-28-1982	Ohmukai, et al.	
	9	US-4,552,124	11-12-1985	Nakajima	
	10	US-4,684,341	08-04-1987	Kawamura, et al.	
	11	US-3,869,242	03-04-1975	Schladtitz	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country code ³ -Number ⁴ -Kind Code ⁵ (if known)				

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	1	Allports CFB Technology Website pages; http://www.telo.com (Feb. 21, 2000).	
	2		
	3		
	4		

Examiner Signature	Date Considered
--------------------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY DOCKET NO.: 16000.1001 APPLICATION NO. : 10/079,744 APPLICANT : Thomas M. Young, et al. FILING DATE : February 19, 2002 GROUP : 3746
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5	9	9	8	7	2	8	Dec. 7, 1999	Sievers, et al.	136	205	May 21, 1997
	AB	5	9	3	9	6	6	6	Aug. 17, 1999	Sievers, et al.	136	205	June 17, 1997
	AC	5	9	2	9	3	7	1	Jul. 27, 1999	Svedberg, et al.	136	204	Jul. 28, 1997
	AD	5	9	2	8	4	3	6	Jul. 27, 1999	Borkowski, et al.	136	205	Feb. 26, 1997
	AE	5	2	2	8	9	2	2	Jul. 20, 1993	Sievers	136	202	Feb. 19, 1991
	AF	5	0	3	9	3	5	1	Aug. 13, 1991	Cooper, et al.	136	202	Jan. 22, 1991
	AG	4	8	5	7	4	2	1	Aug. 15, 1989	Ernst	429	104	Nov. 14, 1988
	AH												
	AI												
	AJ												
	AK												

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATE YES NO	
	AL													
	AM													
	AN													
	AO													
	AP													

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	ANDROFF, Nancy Wara et al., "Macroporous Ceramics from Ceramic-Polymer Dispersion Methods," <i>AIChE Journal</i> , Vol. 43, No. 11A, pp. 2878-2888 (1997)											
	AS	VAN BOMMEL, M.J. et al., "Drying of Silica Gels with Supercritical Carbon Dioxide," <i>Journal of Materials Science</i> , Vol. 29, pp. 943-948 (1994)											
	AT	MIAOULIS, Ioannis N. et al., "Thermal Energy Storage with Reversible Hydration of Lithium Bromide," <i>HTD Vol. 206-2, Topics in Heat Transfer - Volume 2</i> , pp. 125-129											
EXAMINER										DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.